

IN THE CLAIMS: Please amend Claims 1 and 12 as shown below. Please cancel Claims 3, 5-7, 11 and 13-21. The remaining claims and their status are given below for the convenience of the Examiner.

B1 1. (Twice amended) An asphalt roofing structure, comprising:

a substrate form selected from the group consisting of roll roofing and shingle substrates;

an asphalt composition applied to the substrate form, the asphalt composition comprising a heated mixture of an a non-polymeric asphaltic base and a dolomitic limestone filler selected from the group consisting of $MgCO_3$ or $MgCO_2 \cdot CaCO_3$, the dolomitic limestone filler being present in the range between 45-55% by weight of the asphalt composition and the asphaltic base being present in the range between 30% to 60% by weight of the asphalt composition; and

wherein the asphalt composition also has included therein an amount of hydrated lime sufficient to improve tear strength and durability properties of the asphalt structure, the hydrated lime being present in the range between 1-10% by weight of the asphalt composition, the hydrated lime comprising an alkaline earth metal hydroxide selected from a group consisting of $Ca(OH)_2$, $Mg(OH)_2$, and $Ca(OH)_2 \cdot Mg(OH)_2$.

2. (Previously canceled) The composition of Claim 1, wherein the alkaline earth metal hydroxide is selected from a group consisting of $Ca(OH)_2$, $Mg(OH)_2$, and $Ca(OH)_2 \cdot Mg(OH)_2$.

3. (Cancel) The asphalt roofing structure composition of Claim 1, wherein the alkaline earth metal hydroxide is between 1-10% by weight of asphalt.

4. (Once previously amended) The composition of Claim 1, wherein the alkaline earth metal hydroxide is between 3-5% by weight of asphalt.

5. (Cancel) The composition of Claim 1, wherein the filler is fly ash.

6. (Cancel) The composition of Claim 1, wherein the filler is CaCO_3 .

7. (Cancel) The composition of Claim 1, wherein the filler is MgCO_3 or $\text{MgCO}_2 \cdot \text{CaCO}_3$.

8. (Once previously amended) The composition of Claim 1, wherein the alkaline earth metal hydroxide is first added directly to the asphaltic base of the asphalt composition.

9. (Once previously amended) The composition of Claim 1, wherein the alkaline earth metal hydroxide is first added directly to the filler of the asphalt composition.

10. (Once previously amended) The composition of Claim 1, wherein the alkaline earth metal is added first to the filler then to the asphaltic base of the asphalt composition.

11. (Cancel) The composition of Claim 1, wherein the asphalt composition is between 30% to 60% asphalt by weight.

12. (Twice amended) An asphalt roofing structure, comprising:

a substrate form selected from the group consisting of roll roofing and shingle substrates, the substrate form having applied thereto an asphalt composition consisting essentially of:

~~an asphalt composition applied to the substrate form, the asphalt composition comprising a heated mixture of an~~ a non-polymeric asphaltic base, a dolomitic limestone filler, glass matte and water, the dolomitic limestone filler being selected from the group consisting of MgCO_3 or $\text{MgCO}_2 \cdot \text{CaCO}_3$, the dolomitic limestone filler being present in the range between 45-55% by weight of the asphalt composition and the asphaltic base being present in the range between 30% to 60% by weight of the asphalt composition; and

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wherein the asphalt composition also has included therein an amount of hydrated lime sufficient to improve tear strength and durability properties of the asphalt structure, the hydrated lime being present in the range between 1-10% by weight of the asphalt composition, the hydrated lime being formed by the addition of an alkaline earth metal oxide to the asphaltic base, the alkaline earth metal oxide being selected from the group consisting of CaO, MgO, and CaO·MgO, the alkaline earth metal oxide reacting with water in the filler to produce the corresponding alkaline earth metal hydroxide.

13. (Cancel) The composition of Claim 12, wherein the alkaline earth metal oxide is selected from a group consisting of CaO, MgO, and CaO·MgO.

14. (Cancel) The composition of Claim 12, wherein the alkaline earth metal oxide is between 1-10% by weight of asphalt.

15. (Cancel) The composition of Claim 12, wherein the alkaline earth metal oxide is between 3-5% by weight of asphalt.

16. (Cancel) The composition of Claim 12, wherein the filler is fly ash.

17. (Cancel) The composition of Claim 12, wherein the filler is CaCO_3 .

18. (Cancel) The composition of Claim 12, wherein the filler is MgCO_3 or $\text{MgCO}_2\text{CaCO}_3$.

19. (Cancel) The composition of Claim 12, wherein the alkaline earth metal oxide is first added directly to the asphaltic base of the asphalt composition.

20. (Cancel) The composition of Claim 12, wherein the alkaline earth metal oxide is added first to the filler with water, the oxide and water thus reacting to form the corresponding hydroxide, the hydroxide and filler then being added to the asphaltic base of the asphalt composition.

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21. (Cancel) The composition of Claim 12, wherein the asphalt composition is between 30% to 60% asphalt by weight.
